	Application No.	Applicant(s)
Notice of Allowability	09/540,012	HAIKIN ET AL.
	Examiner	Art Unit	
	Madeleine AV Nguyen	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed on May 15, 2006*.

2. ☒ The allowed claim(s) is/are *1, 3-13, 15, 17-19, 27, 41-42, 45, 47-51, 88-90, 93-97, now renumbered as 1-33 respectively* .

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

Madeleine AV Nguyen
Madeleine AV Nguyen
Primary Examiner
Art Unit: 2625

DETAILED ACTION

Allowable Subject Matter

1.   Claims 1, 3-13, 15, 17-19, 27, 41-42, 45, 47-51, 88-90, 93-97 are allowed.

2.   The following is an examiner's statement of reasons for allowance: Claims 1, 3-13, 15,

17-19, 27, 41-42, 45, 47-51, 88-90, 93-97 are allowable over the prior art of record because the

Examiner found neither prior art cited in its entirety, nor based on the prior art, found any

motivation to combine any of the said prior art which teaches:

A. A method and an apparatus for transforming source color image data from a source

device into destination color image data for rendering by a destination device, wherein a color

management module having a source color transform generator is used, comprising the steps of

and means for constructing a source color transform based on a source device color characteristic

data contained in a source color data file, wherein the source color transform is constructed by

using a source color transform generator and wherein the source color transform transforms the

source color image data to interim color image data in an interim color space; and applying the

constructed source color transform and a destination color transform to the source color image

data to transform the source color image data from the source device color space into the

destination color image data.

B. A method and an apparatus for transforming source color image data from a source

device into destination color image data for rendering by a destination device, wherein a color

management module having a source color transform generator is used, comprising steps for or

means of obtaining a source color data file corresponding to the source device wherein the

source color data file contains source device color characteristic data, and wherein the source

device color characteristic data is formatted according to a standard predetermined format and

has a plurality of tags containing the source device color characteristic data and a set of viewing

condition data corresponding to a set of viewing conditions; constructing a source color

transform based on a source device color characteristic data contained in a source color data file,

wherein the source color transform is constructed by using a source color transform generator

and wherein the source color transform transforms the source color image data to interim color

image data in an interim color space; and incorporating the source color transform in a color

transformation sequence to transform the source color image data into the destination color

image data .

C. A method and an apparatus for managing color data to transform source color image

data into destination color image data for rendering by a destination device, wherein a color

management module having a color transform generator, comprising means for or steps of

constructing a source color transform based on a source color data file by using the color

transform generator; constructing a destination color transform based on a destination color data

file by using the color transform generator; constructing a gamut transform based on gamut

boundary of the source device and the destination device gamut boundary description; and

applying the source color transform, the gamut transform and the destination color transform to

the color image data.

Any comments considered necessary by applicant must be submitted no later than the

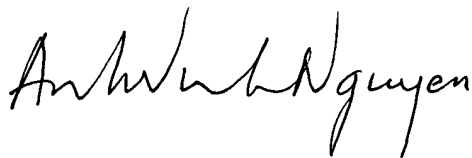payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Madeleine AV Nguyen whose telephone number is 571 272-

7466. The examiner can normally be reached on Tuesday-Thursday 12:30-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Edward L. Coles can be reached on 571 272-7402. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Madeleine AV Nguyen
Primary Examiner
Art Unit 2625

June 7, 2006